

Converting Colors

HunterLab(33.5114, -0.1132,
0.6818)

Have a look what the booklet for
HunterLab(33.5114, -0.1132, 0.6818)
contains.

HunterLab(33.5159, -0.0592, 0.6451)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(33.5159, -0.0592,
0.6451)**

Conversions

Conversions Part 1

Format	Color
Hex	615D61
RGB	97, 93, 97
RGB Percent	38%, 36%, 38%
CMY	0.6196, 0.6353, 0.6196
CMYK	0.00, 0.04, 0.00, 0.62
HSL	300°, 2%, 37%
HSV	300°, 4%, 38%
XYZ	11.0018, 11.2332, 12.8976
YIQ	94.6520, 1.1000, 2.0920

Conversions

Conversions Part 2

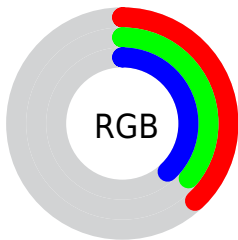
Format	Color
R_{YB}	97, 93, 97
Decimal	6380897
CIE _{Lab}	39.97, 2.42, -1.72
CIE _{LCh}	40, 2.972, 324.600
Yxy	11.2336, 0.3132, 0.3197
Android (android.graphics.Color)	4284570977 (0xFF615D61)
YUV	94.6520, 1.1576, 2.0592
Hunter-Lab	33.5159, -0.0592, 0.6451

Details

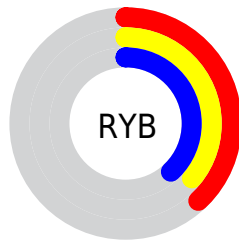
The HunterLab color $33.5159, -0.0592, 0.6451$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $34.1572, -3.5185, 3.0091$, and the grayscale version is $33.6949, -1.7979, 1.8307$.

A 20% lighter version of the original color is $52.9896, -0.4981, 1.2950$, and $17.2507, 0.6394, -0.1235$ is the 20% darker color. If you saturate the color by 10%, you get $31.0442, 4.3443, -2.3941$, and if you desaturate by 10%, it is $36.1191, -4.3582, 3.6156$.

Distribution



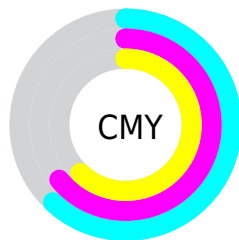
- Red (38%)
- Green (36%)
- Blue (38%)



- Red (38%)
- Yellow (36%)
- Blue (38%)



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (62%)



- Cyan (62%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.5159, -0.0592, 0.6451 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 33.5159, -0.0592, 0.6451 by changing the saturation by 10% instead.

■ 33.5159, -0.0592,
0.6451

■ 33.5159, -0.0592,
0.6451

■ 141.1607, -4.7627,
5.8009

■ 24.9484, 0.2389,
0.2856

■ 53.0013, -0.8205,
1.5181

■ 17.2682, 0.4724,
-0.0144

■ 63.8032, -1.2710,
2.0211

■ 10.5938, 0.6264,
-0.2428

■ 75.2531, -1.7632,
2.5641

0.0000, INF, -NF

0.0000, NaN, NaN

■ 87.3162, -2.2942,
3.1445

0.0000, NaN, NaN

■ 99.9628, -2.8615,
3.7600

0.0000, NaN, NaN

■ 113.1671, -3.4632,

0.0000, NaN, NaN

126.9064, -4.0974,
5.0898

■ 33.5159, -0.0592,
0.6451

■ 33.5159, -0.0592,
0.6451

■ 31.0442, 4.3443,
-2.3941

■ 36.1191, -4.3582,
3.6156

■ 28.7213, 8.8405,
-5.4936

■ 38.8354, -8.5489,
6.5144

■ 26.5712, 13.3925,
-8.6280

■ 41.6519, -12.6377,
9.3459

■ 24.6205, 17.9315,
-11.7499

■ 44.5574, -16.6341,
12.1160

■ 22.8987, 22.3437,
-14.7815

■ 47.5425, -20.5484,
14.8318

■ 21.4358, 26.4629,
-17.6092

■ 50.5995, -24.3913,
17.5003

■ 20.2586, 30.0781,
-20.0889

■ 53.7218, -28.1729,
20.1283

■ 19.3845, 32.9673,
-22.0694

■ 56.9039, -31.9022,
22.7218

■ 18.7837, 35.0688,
-23.5094

■ 60.1411, -35.5873,
25.2863

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.5166, -0.9109, -0.0445



33.5159, -0.0592, 0.6451



33.5166, 0.3276, 1.6357

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



33.5166, -0.0600, 0.6457



33.5166, -1.5922, 3.7541



33.5166, -3.6795, 0.9815

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



33.5159, -0.0592, 0.6451



34.1572, -3.5185, 3.0091

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



33.5166, -3.8567, 2.0120



33.5159, -0.0592, 0.6451



33.5166, -2.6605, 3.5915

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



33.5166, -0.0600, 0.6457



33.5166, -0.5642, 3.4133



33.5166, -3.4859, 2.9618



33.5166, -2.9988, 0.1537

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



33.5159, -0.0592, 0.6451



33.5166, 0.2677, 2.3244



33.5166, -3.4859, 2.9618



33.5166, -3.7995, 1.3166

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



33.5166, -0.0600, 0.6457



44.9176, -1.8341, 2.0579



33.2133, -1.1949, 0.2561



22.3974, -0.9395, 1.0431



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.5166, -0.0600, 0.6457



43.5414, 0.5054, 0.4421



33.4634, -0.3488, 1.4029



16.6583, 0.2331, 0.1421



21.5225, 42.3140, -28.3871



49.7455, 97.8014, -65.6118

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



33.4080, -0.6507, 2.1945



43.3635, -0.4597, 2.9774



34.2080, -3.2382, 2.2843



16.5877, -0.1496, 1.1478



18.5954, 31.8452, 12.0159



42.9800, 73.6046, 27.7726

Previews

White Background



This preview shows how the HunterLab color 33.5159, -0.0592, 0.6451 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 33.5159, -0.0592, 0.6451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

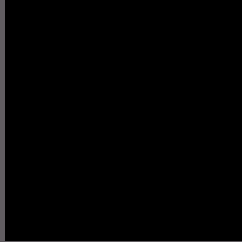
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 33.5159, -0.0592, 0.6451 Background



This preview shows how black text looks on a background with the HunterLab color 33.5159, -0.0592, 0.6451.



This preview shows how white text looks on a background with the HunterLab color 33.5159, -0.0592,

0.6451.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

33.5159, -0.0592, 0.6451

Protanopia

33.6175, -1.0624, 0.7506

Deuteranopia

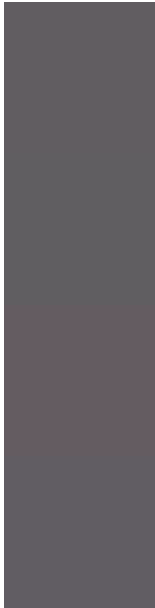
33.4216, 2.2819, 0.5715



Tritanopia

33.6009, 0.4014, -0.5626

Trichromacy



Original Color

33.5159, -0.0592, 0.6451

Protanomaly

33.6976, -0.7860, 0.8522

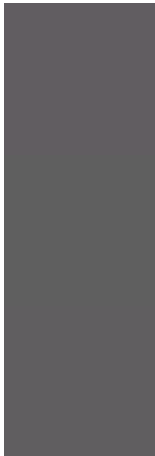
Deuteranomaly

33.5062, 1.2455, 0.6562

Tritanomaly

33.5722, 0.2462, -0.1557

Monochromacy



Original Color

33.5159, -0.0592, 0.6451

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

33.6701, -0.9360, 1.2441

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.5159, -0.0592, 0.6451 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(97, 93, 97)` looks like.

```
.text, #text, p{  
    color:rgb(97, 93, 97)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(97, 93, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 93, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 33.5159, -0.0592, 0.6451 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(97, 93, 97) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(97, 93, 97) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(97, 93, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 93, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 93, 97);  
box-shadow:4px 4px 4px 4px rgb(97, 93, 97)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.5159, -0.0592, 0.6451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 93, 97) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(97, 93,  
97) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor